

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR  
DETECTING EMOTION IN VOICE SIGNALS BY UTILIZING  
STATISTICS FOR VOICE SIGNAL PARAMETERS**

**ABSTRACT**

5           A system, method and article of manufacture are provided for detecting  
emotion using statistics. First, a database is provided. The database has statistics  
including human associations of voice parameters with emotions. Next, a voice  
signal is received. At least one feature is extracted from the voice signal. Then  
the extracted voice feature is compared to the voice parameters in the database.  
10       An emotion is selected from the database based on the comparison of the extracted  
voice feature to the voice parameters and is then output.